



# *Phytophthora ramorum*

(Sudden Oak Death, ramorum die-back,  
ramorum blight)

## ”Life after Detection”

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Plant Protection and Quarantine

Invasive Species and Pest Management

Riverdale, Maryland

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For Joel...



# Detection and Occurrence



- First detected in Europe in 1993
- First detected in US in 1995
- Not identified until 2000
- In 12 counties in California and one in Oregon
- In 9 countries in Europe
- Detection by aerial survey by Forest Service and ground survey by States and researchers and APHIS Pilot National Survey





# *Phytophthora ramorum*

## Detection to Regulation

Impetus to establish domestic regulations:

- States concerned of artificial spread of *P. ramorum* within the US or from Europe
- US Forest Service concern of risk to forests and ecosystems
- Risk assessments identifying multiple pathways for artificial movement and spread of disease.
- Canada establishing regulations on imports
- PPQ policy level decision of sufficient risk and identifying this as pest requiring regulatory action

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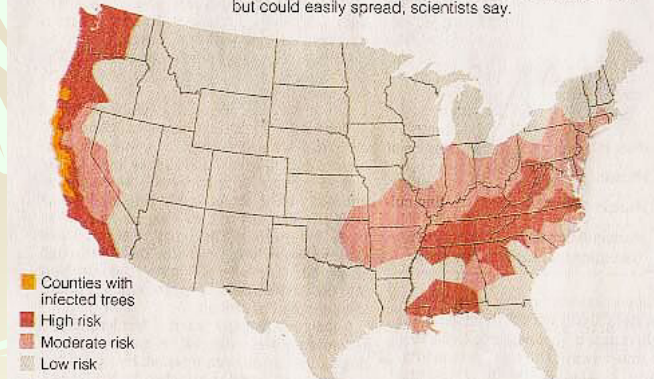
## Program Activities

- Domestic regulation published February 2002
- Program funded since 2002
- 2002-03 Pilot National Survey
- Disease detected in 2003 outside of regulated area

From NY Times

### NEW DISEASE'S POTENTIAL VICTIMS

Sudden oak death syndrome, which infects at least 17 species of trees and plants, is confined to the West now but could easily spread, scientists say.



Source: U.S. Forest Service

The New York Times



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## Domestic Regulation Summary

### Summary Chart of Current Domestic Regulation (Have equal Import Regs)

Article	Action	Criteria
Areas	Quarantine	12 CA and 1 OR (partial) counties
Nursery Stock	Regulated	Annual inspection & test; Shipment inspection (subject to testing)
Forest Stock	Prohibited	All plants & parts not nursery grown
Wood	Regulated	Must be bark free
Bark	Prohibited	
Soil	Prohibited	NS must be free of duff, Contaminated soil must be treated
Redwood & Doug fir	Prohibited	sprouts, twigs, needles
Wreaths & greenery	Regulated	Hot water dip





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